INTERNATIONAL SEARCH REPORT

InterConal Application No PCT/JP2005/008458

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01J37/03 B01D53/94 B01J23/	10 B01J23/63					
According to International Patent Classification (IPC) or to both national classifi	cation and IPC					
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification 7 B01J B01D	ition symbols)					
Documentation searched other than minimum documentation to the extent that	such documents are included in the fields a	parchad				
inscriptions data base communitied during the inflamational search (name of data base and, where practical, search terms used) EPO—Internal, PAJ, WPI Data						
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category * Citation of document, with indication, where appropriate, of the re	slevant passages	Relevant to claim No.				
X PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2004 074138 A (TOYOTA MOTO 11 March 2004 (2004-03-11) paragraphs '00181, ''0022!; figu		6-11				
P,X	LTD 'JP!)	1-11				
Further documents are listed in the continuation of box C.	X Patent family members are listed	n annex.				
*Special categories of clied documents: **A document officing the general paste of the an which is not considered to be of particular relevance considered to be of particular relevance. **Casterned comment but published on or other he international fling date considered to be of particular relevance or other he international fling date. **Cocument which may throw doubts on profest, cleaning or other post of such as a post of such as a considered to such as a considered to receive considered to other post of such as a considered to such as a considered to receive considered to such as a considered to receive the considered to such as a considered to receive the considered to receive story which are desired to the considered to receive a considered to receive story which are desired to the considered to receive a considered to revolve an inventive story which the desired to receive a considered to receive a considered to revolve an inventive story which the desired to receive a considered to revolve an inventive story which the desired to receive a considered to revolve an inventive story which the desired to receive the considered to revolve an inventive story which the desired to receive a considered to rece						
Date of the actual completion of the international search	Date of mailing of the international sea	rch report				
12 August 2005	19/08/2005					
Name and mailing address of the ISA European Patent Office, P.B. 6618 Patentiaan 2 NL - 2200 in Y figsviff, Tal. (4-7) 70 Na-250, Tx. 31 651 epo nl, Fax: (4-1-70) 340-3016	Authorized officer Schoofs, B					

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Intermonal Application No

	information on patent family members				2005/008458	
Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 2004074138	Α	11-03-2004	NONE			
EP 1415956	A	06-05-2004	JP EP US	200414183 141595 200408744	6 A2	20-05-2004 06-05-2004 06-05-2004